



PATENT

INSTITUT FRANÇAIS DU PETROLE

**PROCESS AND DEVICE INTENDED FOR REGENERATION OF USED
ABSORBENTS FROM THERMAL GENERATOR FUMES TREATMENT**

Inventors : Etienne LEBAS, Gérard MARTIN and Christian STREICHER

ABSTRACT

Process and device intended for regeneration of a used absorbent from a desulfurization zone or of a gas containing sulfur oxides, comprising regeneration simultaneously with filtering of said absorbent, in a reducing atmosphere, wherein partial combustion of a regeneration gas is also carried out upstream from regeneration, the products of said partial combustion being mixed with the used absorbent prior to the regeneration-filtration stage.